Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 2

Complete If Known						
Application Number	10/749,606					
Filing Date	12/30/2003					
First Named Inventor	Haeng-Sook Ro					
Art Unit	2618					
Examiner Name	Q. Vuong					
Attorney Docket Number	51876P584					

			U.S. PAY	ENT DOCUMENTS	
		Document Number	Publication Date		Pages Columns Lines Where
Examiner Initials*	Cite No.	Number - Kind Code ² (if known)	Publication Date Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
er		US-4,835,538	05-30-1989	McKenna et al.	
a		US-5,153,600	10-06-1992	Metzler et al.	
		US-			
		US-	·		
		US-			
		US-			
		US-			
		US-	•		
		US-			

	FOREIGN PATENT DOCUMENTS									
Examiner	Cite	Foreign Patent Document			Pages Cohemps Lines					
Initials*	No.'	Country Code ³ - Number ⁴ - Kind Code ⁶ (d known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T⁵				
			···			igspace				
						├				
						┞				
						╁				

Examiner Signature	Grotten	Re	Alrong	Date Considered	4/1/06	

^{*}Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Substitute	Substitute for form 1449A/PTO			Co	Complete if Known		
INFORMATION DISCLOSURE				Application Number	10/749,606		
INFORMATION DISCLOSURE			SUKE	Filing Date	12/30/2003		
STATEMENT BY APPLICANT				First Named Inventor	Haeng-Sook Ro		
(use as many sheets as necessary)				Art Unit	2618		
				Examiner Name	a. Vuong		
Sheet	2	of	2	Attorney Docket Number	51876P584		

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initiats*	Cite No.¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the Item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Ls
æ		Lee, R.Q., et al., "Characteristics of a Two-Layer Electromagnetically Coupled Rectangular Patch Antenna," Electronics Letters, Vol. 23, No. 20, pp. 180-181.	
a	<u> </u>	Revankar, et al., "Broadband Stacked Three-Layer Circular Microstrip Antenna Arrays," Electronics Letters, Vol. 28, No. 21, October 1992, pp. 1995-1997.	
av		Egashira, et al., "Stacked Microstrip Antenna with Wide Bandwidth and High Gain," IEEE Transactions on Antennas and Propagation, Vol. 44, No. 11, November 1996, pp. 1533-1534.	
a		Nishiyama, et al., "Stacked Circular Polarized Microstrip Antenna with Wide Band and High Gain," IEEE Antennas and Propagation Society International Symposium 1992 Digest, No. 4, pp. 1923-1926.	

	Examiner Signature	Austhen Bu	Throng	Date Considered	4/1/06
--	-----------------------	------------	--------	--------------------	--------

Based on PTO/SB/08B (08-03) as modified by Blakely, Solokoff, Taylor & Zafman (wir) 08/11/2003. Send Τα: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

^{*}Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

¹Applicant's unique citation designation number. ²Applicant is to place a check mark here if English language Translation is attached.

OTP = 420 ...

Substitute for form 1449A/PTO

Sheet

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

of

1

Complete if Known

Application Number 10/749,606

Filing Date December 30, 2003

First Named Inventor Haeng-Sook Ro

Art Unit 2618

Examiner Name & Vuony

Attorney Docket Number 51876P584

		· · · · · · · · · · · · · · · · · · ·	U.S. PATENT	DOCUMENTS			
		Document Number	Publication Date		Pages Columns Lines Where		
Examiner Initials*	Cite No.'	Number - Kind Code ² (if known)	or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pagas, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
		US-					
,		US-					
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					
		US-	1.	· -			
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					
-		US-					
		US-					
		US-					
		US-					
		US-					

		FOI	REIGN PATEN	IT DOCUMENTS			1
Examiner	Cite	Foreign Patent Document	D. A. C. office Date		Pages, Columns, Lines,	T.	1
	No.	Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	1	
ev		JP 09-107226	04-22-1997	Mitsubishi Electric Corp.		06	0
						ļ	-
		·		· .		\vdash	$\frac{1}{2}$
						-	\dagger
						\vdash	1
							1
							1
]
							ı

			- 10.00			
Examiner Signature	Shorthen	de	Throng	Date Considered	4/1/06	

Examiner. Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ²Enter Office that issued the document, by the two-letter code (MPO Standard ST.3). *For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. *fund of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. *Applicant is to place a check mark here if English language Translation is attached.

Based on PTO/SB/08A (08-03) as modified by Blakely, Solokoff, Taylor & Zefman (wir) 08/11/2003.